
North America's Leader in Hazardous Material Information Management
1905 Aston Avenue, Carlsbad, CA 92008
Phone (800) 451-8346 Fax (760) 602-8888

MSDS PRODUCT INFORMATION

Date: 10/07/2005
To: MSDS Requester
From: 3E Company
Subject: The MSDS you have requested

☒ **MSDS NOT REQUIRED**

In response to your request for a Material Safety Data Sheet, according to the OSHA Hazard Communication Standard (Right-to-Know), the following item is an article. Articles are defined in 29 CFR 1910.1200(c). Products such as Drugs, cosmetics, food, or alcoholic beverages, wood or wood products, and tobacco or tobacco products, as defined in 29 CFR 1910.1200(b)(6), are exempt from the Hazard Communication Standard. Items that are considered articles, as defined in 29 CFR 1910.1200(c), are also exempt from this Standard. Therefore, the manufacturer is not required to provide an MSDS for this product.

☐ **MSDS DISCONTINUED PRODUCT**

In response to your request for a Material Safety Data Sheet, the manufacturer has discontinued the product listed below. The MSDS Attached is the most current version, or an MSDS is no longer available.

☐ **MSDS BEST COPY AVAILABLE**

The MSDS attached is the best copy available from the manufacturer.

☐ **MANUFACTURER NO LONGER IN BUSINESS**

In response to your request for a Material Safety Data Sheet, a current MSDS could not be obtained for this product. It has been determined that the manufacturer listed below is no longer in business. A current address and phone number could not be located.

Manufacturer: Black & Decker
Product Name: Volt Versa Pack Battery

Official Sponsor
1992 U.S. Olympic Team



Panasonic

Executive Offices

Panasonic Industrial Company
Division of Matsushita Electric
Corporation of America

Two Panasonic Way
Secaucus, New Jersey 07094
201.348.5200
Cable: Mecaseca NJ

Material Safety Data Sheets (MSDS) are a subrequirement of the Occupational Safety and Health Administration (OSHA) Hazard Communications Standard 29 CFR Subpart 1910.1200. This Hazard Communication Standard does not apply to various subcategories including anything defined by OSHA as an "article". OSHA has defined "article" as a manufactured item: (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) which does not release, or otherwise result in exposure to, a hazardous chemical, under normal conditions of use. OSHA then goes on to define "hazardous chemical" and "exposure".

Because all of our batteries are defined as "articles", they are exempt from the requirements of Hazard Communication Standard, 29 CFR 1910.1200, hence a MSDS is not required.

The following components are found in a Panasonic nickel-cadmium battery:

Nickel Hydroxide	0-10%	Positive Electrode
Oxy Nickel Hydroxide	1-12%	Positive Electrode
Cadmium	1-15%	Negative Electrode
Cadmium Hydroxide	3-16%	Negative Electrode
Potassium Hydroxide	2-4%	Electrolyte (Regular)
Sodium Hydroxide	2-4%	Electrolyte (High Temp)
Lithium Hydroxide	0.4%	Electrolyte (Both)

Concentrations of components in nickel-cadmium batteries depend on the state of charge or discharge.

The hazardous waste code for nickel-cadmium batteries is D006.

If one of our batteries should leak electrolyte, wash the area with copious amounts of water.